

**Notice of Allowability**

<b>Application No.</b> 10/792,073	<b>Applicant(s)</b> CHENG, HUI	
<b>Examiner</b> Jared W. Radkiewicz	<b>Art Unit</b> 2624	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to the amendment received on 8/27/2007.
2.  The allowed claim(s) is/are 1-2, 7-26 (to be renumbered as 1-23).
3.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All b)  Some\* c)  None of the:
    1.  Certified copies of the priority documents have been received.
    2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
    - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |   |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                     |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                   |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance             |
|  | 9. <input type="checkbox"/> Other _____   |

**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with James Dobrow on Thursday, November 15, 2007. Examiner and applicant agreed that claim 26 be amended to recite a "tangible computer-readable medium" in replacement of a "machine readable medium". This is to distinguish a tangible computer readable medium as found in the specification on page 13, line 34 from intangible computer readable mediums as defined on page 14, first paragraph. The whole of the preamble to claim 26 now reads as follows:

The application has been amended as follows:

**26. (currently amended) A tangible computer-readable machine readable medium, having encoded thereon program code, wherein, when the program code is executed by a computer machine, the computer machine implements a method for identifying correspondence between an original video sequence comprising a plurality of original frames and a processed video sequence comprising a plurality of processed frames, the method comprising: (a) dividing the processed video sequence into a plurality of processed sets, each processed set having one or more**

**processed frames; (b) identifying, for each processed set, one or more original sets from the original video sequence, wherein: each original set comprises one or more original frames; and two or more original sets are identified for at least one processed set; (c) generating a mapping for each original set corresponding to each processed set, wherein: the mapping defines, for the original set, a mapped set that approximates the corresponding processed set; and the mapping minimizes a local prediction error between the mapped set and the corresponding processed set; and (d) selecting, for each processed set, the original set whose mapping minimizes an accumulated prediction error for the processed video sequence; wherein generating each mapping involves minimizing the local prediction error using processing that (1) treats temporal, spatial, and histogram registration as three parameter sets, (2) fixes two of the three parameter sets, while optimizing the third, and (3) iterates on all three parameter sets until an optimal solution is found.**

In addition to the amendment to claim 26, examiner and applicant agreed to delete the attorney docket number at the end of the sentence under the heading "Cross-Reference to Related Applications", page 1 lines 4-5. That sentence now reads:

**This application claims the benefit of the filing date of U.S. provisional application no. 60/452,153, filed on 03/05/03, as attorney docket no. SAR 14754.**

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jared W. Radkiewicz whose telephone number is (571) 270-1577. The examiner can normally be reached on 8:00 - 5:00 EST.

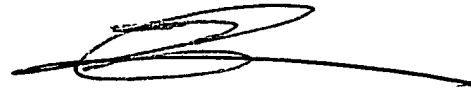
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vikram Bali can be reached on (571) 272-7415. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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JWR

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**BRIAN WERNER**  
**SUPERVISOR, PATENT EXAMINER**